



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL WEATHER SERVICE
1325 East-West Highway
Silver Spring, Maryland 20910-3283

MEMORANDUM FOR: Distribution

FROM: W/OPS24 – Jerald J. Dinges

SUBJECT: AWIPS Printer Replacement Operational Acceptance Test (OAT) Plan

The AWIPS Printer Replacement Operational Acceptance Test (OAT) Plan is attached. The OAT will be conducted in tandem with the AWIPS DX3 and 4 OAT from June 22 through July 21, 2006. The expected date for a deployment decision is July 21.

The OAT sites are Western Region Headquarters, WFO Wilmington, OH, WFO Sacramento, CA, and California/Nevada RFC. Mary Buckingham (OPS24) is the OAT director. Please direct any questions or comments to Mary at mary.buckingham@noaa.gov or 301-713-0326 x137.

Attachment



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AWIPS Printer Replacement Operational Acceptance Test (OAT) Plan

Two of the AWIPS printers are being replaced with new printers. The text printer is replaced by a Dell W5300N and the color printer is replaced by a Dell 5100CN. The RFC line printer is not being replaced because it was determined to be no longer used very much. AWIPS System Modification Note 31 (mod note) contains the instructions to install the new printers.

Objective:

Ensure the printer mod note is complete and accurate with minimal impact on site operations.

Risk and Operational Impact:

- The installation is considered low risk and should take about an hour to complete.
- The site will not have use of the AWIPS printers for about an hour. No other AWIPS function will be affected.

Test Sites and Schedule:

The OAT will test the installation at 6 sites including a regional headquarters system, three Weather Forecast Offices (WFO), a River Forecast Center (RFC), and beginning with the NHOR system at WSH. The OAT sites for the new printers are as follows:

NHOR	National Hydrology Operational RFC system	6/22/06
VHW	Western Region Headquarters	6/28/06
ILN	WFO Wilmington, OH	7/7/06
STO	WFO Sacramento, CA	7/19/06
RSA	California/Nevada RFC	7/20/06
LWX	WFO Sterling, VA	6/29/06
	Deployment Decision	7/21/06

The decision for full deployment of the new printers is expected to be made by July 21. Full deployment of the printers will begin once the mod note is finalized, although the shipment of the printers may begin once the decision is made to proceed with deployment.

The field modification kit (FMK) will consist of 3 boxes containing the two printers and a duplex unit. It will be ground shipped to the sites from Raytheon's hardware partner, GTSI.

Mary Buckingham (OPS24) is the OAT director for the AWIPS Printer OAT and will witness the test at all sites except WFO LWX. Jim Lane (OST31) is the project engineer for the Printer replacement and will witness the installation at WFO LWX. The actual date for the WFO LWX installation will depend on Jim's schedule and may shift accordingly. To decrease costs, the printer OAT will be conducted during the AWIPS DX3 and 4 OAT at some of those OAT sites plus WFO LWX.